

Eugene Astronomical Society



IO - June 2020

Eugene Astronomical Society
 Annual Club Dues \$25
 President: Andrew Edelen 618-457-3331
 Secretary: Jerry Oltion 541-343-4758
 Additional Board members:
 Oggie Golub, Jim Murray, Ken Martin.

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EAS is a proud member of
 The Astronomical League



Next Would-Have-Been Meeting Thursday, June 18th, 7:00 p.m.

We're still under governor's orders to maintain social distancing, so there will be no June meeting.

So far nobody has stepped up to organize a virtual meeting via Zoom or some other Internet-based meeting app. If anyone wants to do so, please get in touch with our club president, Andy Edelen.

Next First Quarter Friday Cancelled

Our May 1st and May 29th First Quarter Fridays were cancelled due to social distancing requirements of the coronavirus outbreak. Our next possibility is June 26th. We'll see how it goes between now and then...

First Quarter Fridays used to be laid-back opportunities to do some observing and promote astronomy at the same time. Perhaps they will become so again before the winter rains come back. So mark your calendar and if we do eventually get the go-ahead to gather again, bring your scope to the College Hill Reservoir (24th and Lawrence in Eugene) and share the view with whoever shows up. Here's the schedule through 2020. Star parties start at dusk or 6:00, whichever is later.

June 26 (37% lit)
 August 28 (84% lit)
 November 20 (39% lit)

July 24 (24% lit)
 September 25 (71% lit)
 December 18 (23% lit)

August 15: Dexter Dark Sky Party
 October 23 (56% lit)

Eureka Ridge Report

In late April we got word that in response to irresponsible gun enthusiasts, the Bureau of Land Management would be putting a gate on the road leading to our beautiful Eureka Ridge observing site. That was no idle threat. The gate is now there at the junction of Simonsen Road and Schaffer road (BLM Road 19-5-22.2). It has remained open during week-days while logging operations have been going on, and it remained open on the night of Tuesday, May 26th when Robert Asumendi and Jerry & Kathy Oltion went up for a night's observing, but we have



Wild irises at Eureka Ridge. Photo © by Jerry Oltion

no idea how much longer we'll have that luxury. Jerry has been in touch with the BLM about getting a key to the gate and has received a tentative positive response, but final approval rests with Roseburg Resources, owner of the land that Eureka Ridge is on. Jerry has sent an email to the right-of-way manager at Roseburg Resources, but hasn't heard back from him yet.

So we wait with fingers crossed and wishing on every falling star that we see (and there were a lot of them on Tuesday) in hopes that we'll receive permission to continue using this wonderful site.

Whether or not we can continue using it, a big shout-out and THANK YOU to Bruce Hindrichs, who sent me this email on September 30th, 2014: "EUREKA - I Found It! I have spent at least three months and probably over 3,000 miles searching for a good telescope site within a 30-minute drive. I found it today at 3:30pm."

We've been enjoying it ever since. Thank you Bruce, for your dedication and generosity.



The new gate on the road to Eureka Ridge. May it always be open for us. Photo © by Jerry Oltion

Gallery

May was mostly cloudy, but we did get a few sucker holes here and there for photographs.

Frank Szczepanski got this shot of Venus by day as it approached the Sun and its crescent grew narrower and narrower each day. This photo was taken with a cell phone simply held up to the eyepiece of Frank's telescope.

Alan Gillespie got some great wide-field shots of Venus, Mercury, and the Moon, too. The one at the top of the next page is particularly atmospheric, literally. Enjoy!



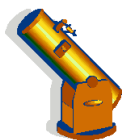
Venus in the early evening 5/11/20. Photo © by Frank Szczepanski



Venus and Mercury on 5/22/20. Photo © by Alan Gillespie



The Moon joined Venus and Mercury on 5/23/20. Photo © by Alan Gillespie



Observing in June



June 5, 12:12 PM	June 12, 11:24 PM	June 20, 11:41 PM	June 28, 1:16 AM
Mercury Set: 10:42 PM	Mercury Set: 10:23 PM	Mercury Set: 9:43 PM	Mercury lost in Sun
Venus lost in Sun	Venus Rise: 4:48 AM	Venus Rise: 4:15 AM	Venus Rise: 3:48 AM
Mars Rise: 1:54 AM	Mars Rise: 1:37 AM	Mars Rise: 1:18 AM	Mars Rise: 00:58 AM
Jupiter Rise: 11:30 PM	Jupiter Rise: 11:01 PM	Jupiter Rise: 10:27 PM	Jupiter Rise: 9:52 PM
Saturn Rise: 11:45 PM	Saturn Rise: 11:17 PM	Saturn Rise: 10:44 PM	Saturn Rise: 10:11 PM
Uranus Rise: 3:42 AM	Uranus Rise: 3:15 AM	Uranus Rise: 2:45 AM	Uranus Rise: 2:14 AM
Neptune Rise: 1:58 AM	Neptune Rise: 1:31 AM	Neptune Rise: 00:59 AM	Neptune Rise: 00:28 AM
Pluto Rise: 11:28 PM	Pluto Rise: 11:00 PM	Pluto Rise: 10:28 PM	Pluto Rise: 9:56 PM

All times Pacific Standard Time (November 1, 2020 - March 14, 2021 = UT -8 hours) or Pacific Daylight Time (March 8 - Oct 31, 2020 = UT -7 hours)

Date	Moon Rise	Moon Set	Twilight Begin	Sun Rise	Sun Set	Twilight End
6/1/2020	16:02	03:22	03:14	05:32	20:49	23:08
6/2/2018	17:18	03:49	03:13	05:32	20:50	23:09
6/3/2020	18:36	04:18	03:12	05:31	20:51	23:11
6/4/2020	19:53	04:51	03:11	05:31	20:51	23:12
6/5/2020	21:07	05:30	03:10	05:30	20:52	23:13
6/6/2020	22:15	06:16	03:09	05:30	20:53	23:15
6/7/2020	23:12	07:10	03:08	05:30	20:53	23:16
6/8/2020	24:00	08:11	03:07	05:30	20:54	23:17
6/9/2020		09:15	03:06	05:29	20:55	23:18
6/10/2020	00:38	10:21	03:06	05:29	20:55	23:19
6/11/2020	01:09	11:25	03:05	05:29	20:56	23:20
6/12/2020	01:36	12:28	03:05	05:29	20:56	23:21
6/13/2020	01:59	13:30	03:04	05:29	20:57	23:21
6/14/2020	02:20	14:30	03:04	05:29	20:57	23:22
6/15/2020	02:41	15:31	03:04	05:29	20:57	23:23
6/16/2020	03:03	16:32	03:04	05:29	20:58	23:23
6/17/2020	03:26	17:35	03:03	05:29	20:58	23:24
6/18/2020	03:53	18:39	03:03	05:29	20:58	23:24
6/19/2020	04:24	19:43	03:03	05:29	20:59	23:24
6/20/2020	05:01	20:46	03:04	05:29	20:59	23:25
6/21/2020	05:47	21:45	03:04	05:30	20:59	23:25
6/22/2020	06:42	22:37	03:04	05:30	20:59	23:25
6/23/2020	07:46	23:22	03:04	05:30	20:59	23:25
6/24/2020	08:55	23:59	03:05	05:30	21:00	23:25
6/25/2020	10:08		03:05	05:31	21:00	23:25
6/26/2020	11:22	00:31	03:06	05:31	21:00	23:24
6/27/2020	12:35	01:00	03:07	05:32	21:00	23:24
6/28/2020	13:49	01:26	03:08	05:32	20:59	23:24
6/29/2020	15:03	01:52	03:08	05:33	20:59	23:23
6/30/2020	16:19	02:20	03:09	05:33	20:59	23:23

Items of Interest This Month

- 6/3 Venus in inferior conjunction with Sun.
- 6/4 Mercury at greatest eastern elongation (visible after sunset).
- 6/8 Jupiter, Saturn, and Moon close together in early morning.
- 6/10 Io and Europa pass one another at 12:30 AM (night of 6/9).
- 6/10 Io and Ganymede in lockstep approaching planet all night.
- 6/13 Io shadow transit 10:25 PM - 12:42 AM.
- 6/19 Moon very close to Venus just before sunrise.
- 6/20 Summer solstice 2:44 PM.
- 6/21 Annular solar eclipse visible on other side of the Earth.
- 6/21 Europa shadow transit (the hard one to see, but rewarding when you do) 10:44 PM - 1:30 AM.
- 6/26 TENTATIVE - First Quarter Friday star party**
- 6/30 Mercury in inferior conjunction with Sun.
- 7/2 Ganymede shadow transit from Jupiter rise until 10:51 PM. (Ganymede transit from Jupiter rise until 11:59 PM.)



All times are for Eugene, Oregon Latitude 44° 3' Longitude 123° 06'